




Electronic Information Disclosure Statement



BACK-FLUSHABLE SPIRAL WOUND FILTER AND METHODS OF MAKING AND USING SAME

Application: 
10/018923
Confirmation: 8210
Applicant(s): PETER KNAPPE
Docket Number: 73995
Group Art Unit: 1723
Examiner:
search string: (6120688).pn.

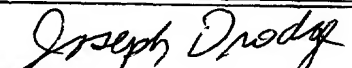
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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
	P01	6120688	2000-09-19		DALY ET AL.	210	650

Signature

Examiner Name	Date
	9-11-2003

FORM PTO/SB/08A/B (10-04)
Substitute for PTO-1449A/B

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number 33683/TJD/T358

Application Number 10/018,923

Filing Date December 19, 2001

Applicant(s) Peter Knappe, et al.

Group Art Unit ~~Unknown~~ 1723

Examiner Name ~~To Be Assigned~~ DRODGE

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - kind code ² (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
TJD		3912624	10/14/1975	Jennings
		3966616	06/29/1976	Bray
		4548714	10/22/1985	Kirwan, Jr. et al.
		4687522	08/18/1987	Hayashi et al.
		4767539	08/30/1988	Ford
		5069793	12/03/1991	Kaschemekat et al.
		US005236643A	08/17/1993	Tseng et al.
		US005352362A	10/04/1994	Mizutani et al.
		US005576057A	11/19/1996	Hirose et al.
		US005614099A	03/25/1997	Hirose et al.
		US005639373A	06/17/1997	Mahendran et al.
		US005674398A	10/07/1997	Hirose et al.
		US005690830A	11/25/1997	Ohtani et al.
		US005733602A	03/31/1998	Hirose et al.
		US005744039A	04/28/1998	Itoh et al.
		US005843351A	12/01/1998	Hirose et al.
		US005888605A	03/30/1999	Hachisuka et al.
		US005910357A	06/08/1999	Hachisuka et al.

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	CLASSIFICATION
TJD		EP 0 581 544 A2	02-02-1994	Exxon Research and Engineering Co.	X
TJD		EP 0 584 411 A1	03-02-1994	Texaco Development Corporation	=

EXAMINER
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Substitute for PTO-1449A/B

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Applicant(s)	Peter Knappe, et al.
Group Art Unit	1723
Examiner Name	To Be Assigned - DODGE

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - kind code ² (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
JWD		3386583	06/04/1968	Merten
		3813334	05/28/1974	Bray
		3933646	01/20/1976	Kanamaru et al.
		4668384	05/26/1987	Holman
		4834881	05/30/1989	Sawada et al.
		4872990	10/10/1989	Van Wijk
		5290446	03/01/1994	Degen et al.
TWD		US6190557B1	02/20/2001	Hisada et al.

FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER SIGNATURE	Joseph Dodge	DATE CONSIDERED	11-3-2003
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EXAMINER INITIALS	Cite No. ¹	Foreign Patent Document Country Code ² - Number ³ - Kind Code ⁴ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ (S)
JWD		EP 0 669 159 A1	08-30-1995	DIC Degremont KK	
JWD		WO 95/32041	11-30-1995	Memtec America Corporation	
JWD		JP 10235164 A	09-08-1998		Abstract

OTHER DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
JWD		KOCH advertisement, ULTRAPURE WATER, May/June 1998
JWD		KOCH Membrane Systems, Inc. Article - "RomiPure Ultrafiltration" - The Solution for Effective RO Pretreatment, KPN 0679197, 2 pgs., Pub Date Unknown
JWD		IWAHORI, et al., "An Effective Method of Water Treatment with a Novel Back-washable Spiral-wound UF Module", pub. San Diego Proceedings, 1999, 12 pages

EXAMINER SIGNATURE	<i>Joseph Drodge</i>	DATE CONSIDERED	9/11/2003
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